Alzheimer's Biomarkers Request form
IMMUNOLOGY DEPARTMENT
CPL, St. James's Hospital, Dublin 8.
Tel.: 4162925 / 4162061 / 4162075

FOR LABORATORY USE ONLY PLEASE AFFIX SPECIMEN NUMBER BARCODE LABEL HERE

Patient Details (Complete Fully OR Attach an Addressograph Label inside the dotted line below):

Surname

First Name **Male** ☐ **Female** ☐

Date of Birth / / **Ethnicity (if relevant)**

Patient's Address:

Clinician

Hospital

Clinician's Signature

M.C.R.N.

***Referral lab address and Specimen Number**

Clinician's Telephone:

This is mandatory to ensure the doctor can be contacted during routine laboratory working hours 8am to 8pm.

Date Taken: **Time Taken:** **Date/Time Received:**

TEST		Sample Type	Sample handling and dispatch
Alzheimers' Biomarkers (ALZH)	☐	**CSF**	*Please ensure that pre-analytical requirements (see below) are met*

1.) Clinical Presentation – NB please fill in details

Background			**FIRST symptom**	**Please tick**	**Clinical Diagnosis**	**Please tick**
Age at onset of clinical symptoms			Memory	☐	Amnestic MCI	☐
MMSE			Language	☐	Non-amnestic MCI	☐
MOCA			Visuospatial	☐	Alzheimer's Disease	☐
			Behaviour	☐	Primary progressive aphasia (PPA) semantic variant	☐
			Executive Functions	☐	PPA logopenic variant	☐
			Others	☐	PPA nonfluent variant	☐
					Behavioral variant frontotemporal dementia	☐
					Other	☐

2.) Treatment:

Is patient receiving AD medication	**Yes/No**	

Sample Requirements for Alzheimer Biomarker Testing on CSF

General Information / Sample Requirements

CSF must be obtained aseptically by Lumbar puncture into Sterile Polypropylene 10ml tubes (Sarstedt REF: 62.9924.284) for CSF. (2.5ml of CSF required) – **samples must be centrifuged within 2hrs of collection**:

1. Where External Institutions cannot guarantee immediate delivery, samples must be centrifuged at 2000rcf (3300rpm) for 10mins at Room Temp **within 2hrs** of collection.
2. The supernatant should be carefully aspirated using **polypropylene pipette tips** and transferred as 0.5ml aliquots into clean **polypropylene tubes**.
3. Once collected and processed aliquots must be stored upright until frozen and maintained at -80ºC.
4. A minimum of two (ideally 4) 0.5mL aliquots must be transported frozen on dry ice to the Immunology Department, St James's Hospital. Remaining CSF aliquots can be stored at -80ºC for up to two years.
5. *Please ensure requesting hospital and referral specimen number are clearly stated.

***PLEASE CONTACT LABORATORY ON 01-4162925 TO INFORM OF SAMPLE DISPATCH**

***MARK 'URGENT FOR IMMUNOLOGY' ON PACKAGE**

****SAMPLES WILL BE ACCEPTED MONDAY TO FRIDAY BEFORE 4PM**